



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**INVENTOR:** Densen Cao

**DOCKET:** 5045 P

**TITLE:** SEMICONDUCTOR LIGHT SOURCE FOR PROVIDING  
VISIBLE LIGHT TO ILLUMINATE A PHYSICAL SPACE

**FILED:** August 24, 2001

**SERIAL NO.:** 09/938,777

**ASSIGNEE:** Cao Group, Inc.

Assistant Commissioner for Patents  
Washington, DC 20231

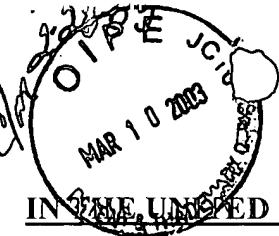
**Certificate of Mailing**

Honorable Assistant Commissioner:

I hereby certify that the attached Response to Office Action is being submitted via first class mail with the United States Postal Service in an envelope with sufficient postage addressed to "Assistant Commissioner for Patents, Washington, DC 20231" on February 28, 2003.

A handwritten signature in black ink, appearing to read "Daniel P. McCarthy".

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Q #6/Amend 3/17/03  
C. Moore

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**Response to Office Action**

Honorable Assistant Commissioner:

Applicant received an office action with a mailing date of August 29, 2002.  
This document is intended to be fully responsive thereto.

**Amendment**

Please cancel claims 1-32 without prejudice.

Please add the following new claims:

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MAR 14 2003  
TECHNOLOGY CENTER 2800

33. A semiconductor light source comprising:  
an enclosure, said enclosure being fabricated from a transparent material through which visible light may pass, said enclosure being generally impermeable to gas,  
a base to which said enclosure is mounted, said base including a fitting of appropriate shape for insertion into a light bulb socket,  
an interior volume within said enclosure,